

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

I, **ALOIS NICHTAWITZ**, hereby declare that:

1. My residence, post office address and citizenship are as stated below next to my name.
2. I believe I am an original joint inventor, together with **RODNEY J. WITTINGER, ROBERT A. DAVIDSON, and KARL C. ANGERER**, of the subject matter that is claimed and for which a patent is sought on the invention entitled: *DEVICES AND METHODS FOR REDUCING OR ELIMINATING THE GAP BETWEEN A STAY VANE AND ITS CORRESPONDING WICKET GATE AS USED IN TURBINES*
3. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.
4. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
5. I hereby appoint the following attorney to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Earl H. Baugher Jr., Reg. No. 40,905**. Address all correspondence to:


U.S. Army Corps of Engineers  
Humphreys Engineer Center  
7701 Telegraph Road  
ATTN: CEHEC-OC (Kingman Building)  
Alexandria, VA 22315-3860

6. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: **ALOIS NICHTAWITZ**

Inventor's Citizenship: Austria

Inventor's signature: \_\_\_\_\_



Date: December 18, 2003

Residence Address: Heideweg 7, 4050 Traun, Austria

Mailing Address (if different): VA TECH HYDRO GmbH & Co, Lunzerstraße 78, 4031 Linz, Austria

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

I, **KARL C. ANGERER**, hereby declare that:

1. My residence, post office address and citizenship are as stated below next to my name.
2. I believe I am an original joint inventor, together with **RODNEY J. WITTINGER, ROBERT A. DAVIDSON, and ALOIS NICHTAWITZ**, of the subject matter that is claimed and for which a patent is sought on the invention entitled: *DEVICES AND METHODS FOR REDUCING OR ELIMINATING THE GAP BETWEEN A STAY VANE AND ITS CORRESPONDING WICKET GATE AS USED IN TURBINES*
3. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.
4. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
5. I hereby appoint the following attorney to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Earl H. Baugher Jr., Reg. No. 40,905**. Address all correspondence to:

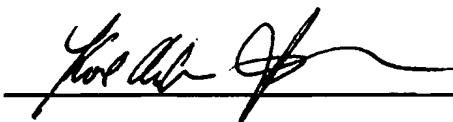
U.S. Army Corps of Engineers  
Humphreys Engineer Center  
7701 Telegraph Road  
ATTN: CEHEC-OC (Kingman Building)  
Alexandria, VA 22315-3860

6. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: **KARL C. ANGERER**

Inventor's Citizenship: Austria

Inventor's signature: \_\_\_\_\_



Date: \_\_\_\_\_

*December 18, 2003*

Residence Address: Lebzelterweg 10, 4113 St. Martin im Muhlkreis, Austria

Mailing Address (if different): VA TECH HYDRO GmbH & Co, Lünzerstraße 78, 4031 Linz, Austria

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

I, **ROBERT A. DAVIDSON**, hereby declare that:

1. My residence, post office address and citizenship are as stated below next to my name.
2. I believe I am an original joint inventor, together with **RODNEY J. WITTINGER, ALOIS NICHTAWITZ, and KARL C. ANGERER**, of the subject matter that is claimed and for which a patent is sought on the invention entitled: *DEVICES AND METHODS FOR REDUCING OR ELIMINATING THE GAP BETWEEN A STAY VANE AND ITS CORRESPONDING WICKET GATE AS USED IN TURBINES*
3. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.
4. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
5. I hereby appoint the following attorney to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Earl H. Baugher Jr., Reg. No. 40,905**. Address all correspondence to:

U.S. Army Corps of Engineers  
Humphreys Engineer Center  
7701 Telegraph Road  
ATTN: CEHEC-OC (Kingman Building)  
Alexandria, VA 22315-3860

6. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: **ROBERT A. DAVIDSON**

Inventor's Citizenship: U.S.

Inventor's signature:  Date: 12/17/03

Residence Address: 4660 Nailor Road, Vicksburg, MS 39180

Mailing Address (if different):

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

I, **RODNEY J. WITTINGER**, hereby declare that:

1. My residence, post office address and citizenship are as stated below next to my name.
2. I believe I am an original joint inventor, together with **ROBERT A. DAVIDSON, ALOIS NICHTAWITZ, and KARL C. ANGERER**, of the subject matter that is claimed and for which a patent is sought on the invention entitled: *DEVICES AND METHODS FOR REDUCING OR ELIMINATING THE GAP BETWEEN A STAY VANE AND ITS CORRESPONDING WICKET GATE AS USED IN TURBINES*
3. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.
4. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
5. I hereby appoint the following attorney to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Earl H. Baugher Jr., Reg. No. 40,905. Address all correspondence to:

U.S. Army Corps of Engineers  
Humphreys Engineer Center  
7701 Telegraph Road  
ATTN: CEHEC-OC (Kingman Building)  
Alexandria, VA 22315-3860

6. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: **RODNEY J. WITTINGER**

Inventor's Citizenship: U.S.

Inventor's signature:  Date: DEC 17, 2003

Residence Address: 2703 NE Stanton, Portland, OR 97212-3538

Mailing Address (if different):